APPENDIX E -- DIAGNOSTIC REPORTS AND MAX CROSSWALKS

In addition to the MAX edit checks listed in Appendix D, OMB produces a number of reports to ensure that data reported in the data base are consistent both within and between schedules and that they comply with standard budget concepts.

This Appendix includes exhibits of the major diagnostic reports listed below to provide information that can be used to understand and resolve any errors in the data base highlighted by these reports. Agencies can print the reports marked with an asterisk (*) themselves, using MAX.

This Appendix also includes crosswalks that describe relationships between entries in various schedules in the MAX data base. These crosswalks may help you understand and resolve errors identified by MAX edit checks and the diagnostic reports.

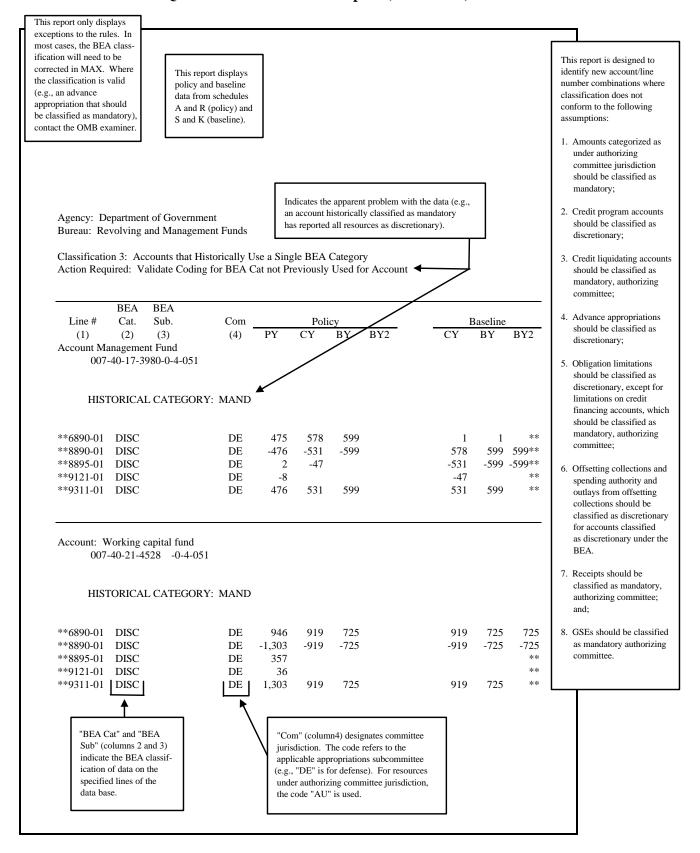
The Treasury Financial Manual (TFM) provides a crosswalk between data in the agency financial systems, the program and financing schedule, FMS 2108, and SF 133. This crosswalk is available on the Internet (www.fms.treas.gov/ussgl).

Title	Description	Exhibit No.
Diagnostic Reports:		
BEA Questions and Problems Report (BEACK01)*	Identifies possible errors in BEA classification in schedules A and R (policy) and S and K (baseline).	E1
Total FTE Employment: Approved Estimates vs. Schedule Q (CKFTE)*	Compares FTE estimates approved by OMB with personnel levels in schedule Q.	E2
FTE Employment: Average Salaries (CKFTEOBS)*	Identifies potential errors by comparing personnel obligations in schedule O with FTE employment in MAX schedule Q and computing average salaries for both direct and reimbursable FTEs.	Е3
Suspected Receipt Estimating Problems (CKRCPTS)*	Identifies receipt accounts in schedule R with apparent inconsistencies in the BY Budget data when compared with the previous budget and actual data.	E4
Reconciliation of Program and Financing Schedule Transfers (TRANSFER)	Compares transfers of budget authority, unobligated balances, and obligated balances reported by gaining and losing accounts in schedule P.	E5
Policy and Baseline Agency/Category Account Detail ReportMandatory Estimates (BEACAT)*	Compares mandatory baseline estimates in schedule S with mandatory policy estimates in schedule A.	E6

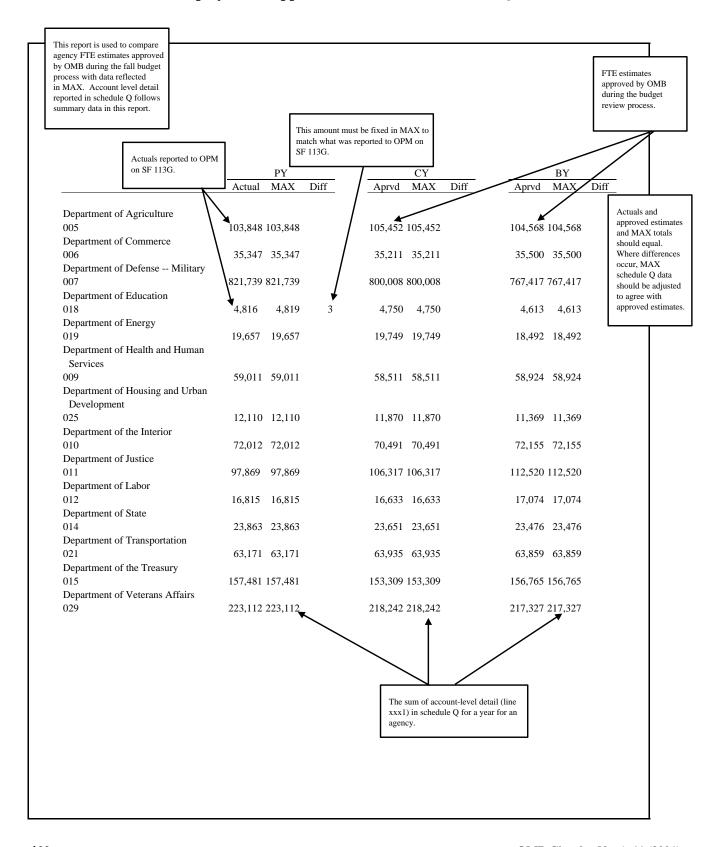
APPENDIX E – DIAGNOSTIC REPORTS AND MAX CROSSWALKS

Title	Description	Exhibit No.
Crosswalks:		
Crosswalk between schedules P, N, and J	Identifies relationships between entries in the program and financing, unavailable collections, and status of funds schedules.	E7
Crosswalk among selected actuals reported on SF 133, schedule P, and Treasury Annual Report	Identifies relationships among selected actuals reported on SF 133 (Report on Budget Execution and Budgetary Resources), PY column of schedule P, and the Treasury Annual Report (TAR).	E8

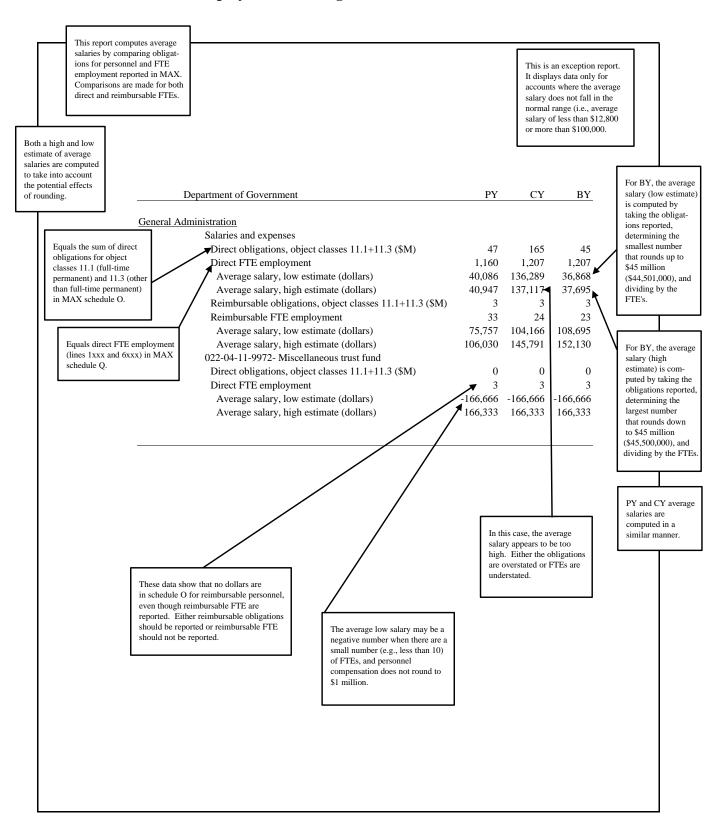
BEA Questions and Problems Report (BEACK01)



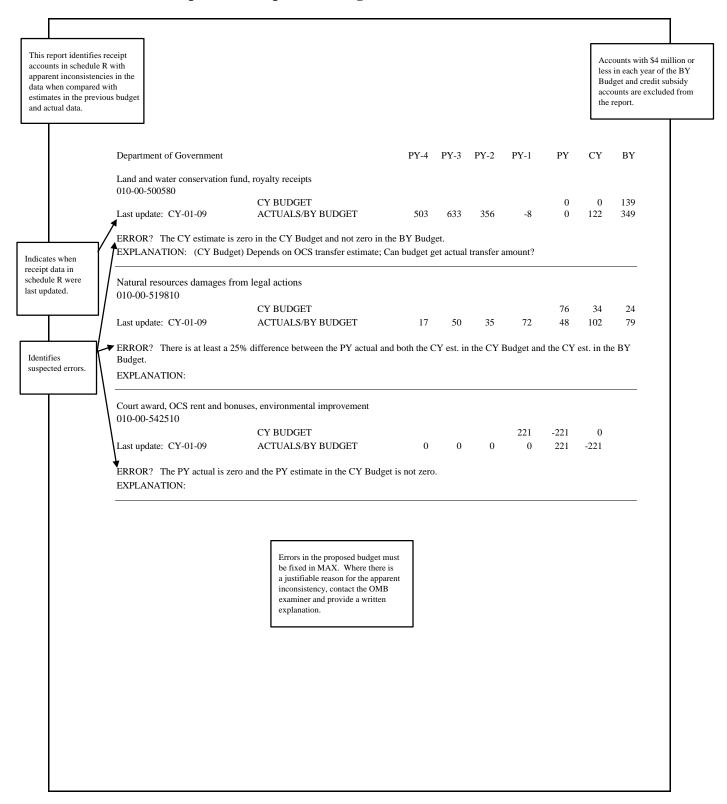
Total FTE Employment: Approved Estimates vs. Schedule Q (CKFTE)



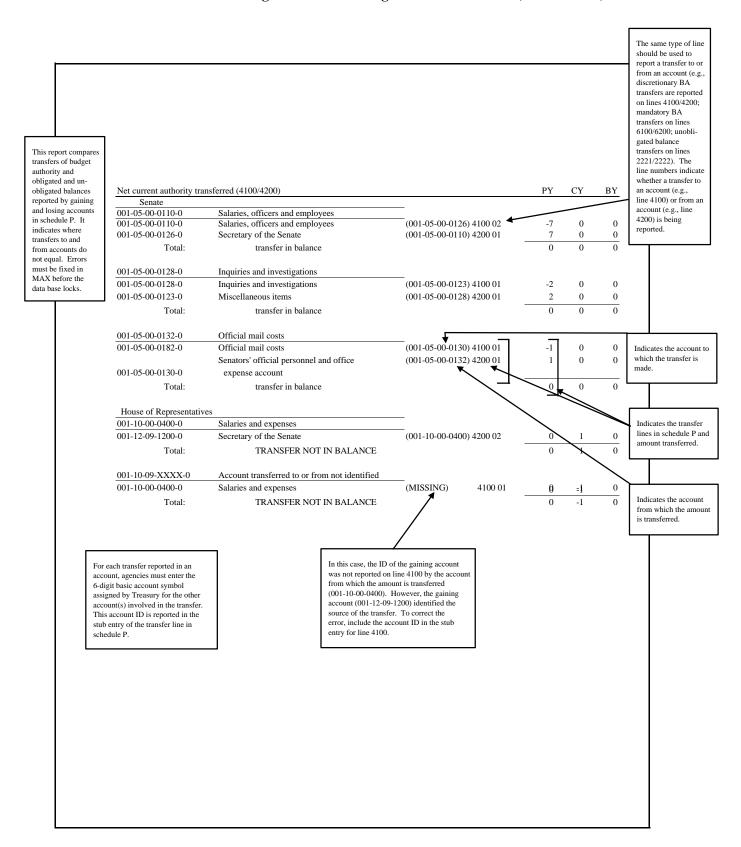
FTE Employment: Average Salaries (CKFTE0BS)



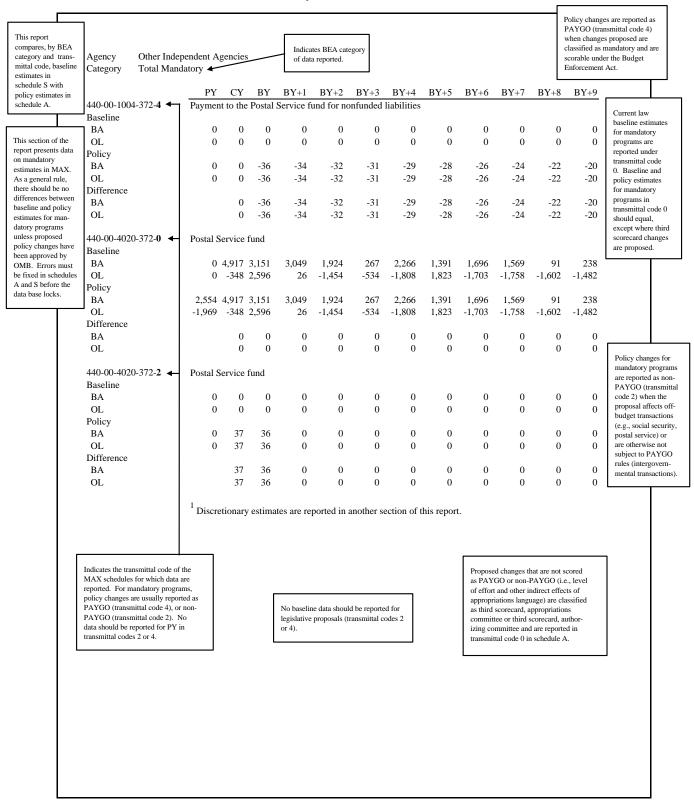
Suspected Receipt Estimating Problems (CKRCPTS)



Reconciliation of Program and Financing Schedule Transfers (TRANSFER)



Policy and Baseline Agency/Category Account Detail Report Mandatory Estimates (BEACAT)



CROSSWALK BETWEEN SCHEDULES P, N, AND J

Most amounts in schedules N and J are generated overnight based on data entered in schedule P as follows:

Schedule P Program and Financing	Schedule N Unavailable Collections	Schedule J Status of Funds	Description
2140 Unobligated balance carried forward, start of year7240 Obligated balance, start of year	0199 Balance, start of year	0199 Total balance, start of year	The PY start of year balance in schedule N is automatically generated based on the previous year's budget. The CY and BY balances are automatically calculated. Generally, the balance reported in schedule J should equal the sum of the balances reported in schedule N plus the unobligated and obligated balances reported in schedule P. Note: Schedule J presents data on a cash basis and should not include balances of borrowing authority, contract authority, or receivables and unfilled orders without advance from Federal sources. Accounts with schedule J tend not to have unappropriated receipts that are not invested in Federal securities.
	0200-0279 Receipts	Cash income during the year: Receipts: Current law: 1200-1279 Receipts Proposed legislation: 2200-2279 Receipts	The receipts in schedule N and J are automatically generated from data reported in MAX schedule R. Amounts reported under transmittal codes 0 or 3 are shown as current law in schedule J. Amounts reported under transmittal codes 1, 2, 4, or 5 are shown as proposed legislation in schedule J.

Schedule P Program and Financing	Schedule N Unavailable Collections	Schedule J Status of Funds	Description
8800-8845 Offsetting collections (cash)	0280-0289 Offsetting collections	Offsetting collections: Current law: 1280-1289 Proposed legislation: 2280-2289	Amounts reported under transmittal codes 0 or 3 are shown as current law in schedule J. Amounts reported under transmittal codes 1, 2, 4, or 5 are shown as proposed legislation in schedule J.
7320 Total outlays (gross)		Total cash outgo: Current law: 4500-4589 Proposed legislation: 5500-5589	Amounts reported under transmittal codes 0 or 3 are shown as current law in schedule J. Amounts reported under transmittal codes 1, 2, 4, or 5 are shown as proposed legislation in schedule J.
4020 Discretionary appropriation (special fund)	0500-0589 Appropriations		In schedule P, amounts that are newly appropriated from previously unavailable collections are shown as
4026 Discretionary appropriation (trust fund)			positive amounts. In schedule N, the same
6020 Mandatory appropriation (special fund)			amounts are shown as negatives. An exception is line P 6045, which represents new receipts that are precluded from
6026 Mandatory appropriation (trust fund)			obligation and is shown as a negative in schedule P and as a positive in schedule N.
6028 Mandatory appropriation (unavailable balances)			
6045 Portion precluded from obligation			
6845 Discretionary portion precluded from obligation (limitation on obligations)			
6945 Mandatory portion precluded from obligation (limitation on obligations)			
6826 Disc. offsetting collections (unavailable balances)			

Schedule P Program and Financing	Schedule N Unavailable Collections	Schedule J Status of Funds	Description
6926 Mandatory offsetting collections (unavailable balances)			
2398 Unobligated balance, expiring or withdrawn7340 Adjustments in expired accounts (net)	0610 Unobligated balance returned to receipts		The unobligated balances returned to receipts entry in schedule N is automatically derived from expiring balances in schedule P.
xx35, xx36, xx74, xx75, xx76, xx77, xx78, xx79, xx85 Reductions and rescissions of discretionary and mandatory: appropriations, reappropriations, advance appropriations. Exclude rescissions and reductions of authority to borrow or contract authority.	0620 Reduction pursuant to Public Law xxx-xxx	7625 Permanently canceled balances	If the reduced amounts are not permanently canceled (most are not), then they are reported on line 0620 of schedule N and are excluded from line 7625 of schedule J. If the reduced amounts are permanently canceled and not available for subsequent appropriation, then advise OMB in order to have the amounts reported on line 7625 in schedule J and excluded from line 0620 of schedule N.
 2221, 2222 Unobligated balance transferred to and from other accounts 4100, 4200 Discretionary budget authority transferred to and from other accounts 6100, 6200 Mandatory budget authority transferred to and from other accounts 6861, 6862 6961, 6962 Spending authority from offsetting collections transferred to and from other accounts 7331, 7332 Obligated balances transferred 		7645 Transfers, net	

Schedule P Program and Financing	Schedule N Unavailable Collections	Schedule J Status of Funds	Description
to and from other accounts			
2240, 6827, 6927 Capital transfer to general fund		7650 Other adjustments	
2260, 4047, 6047, 6847, 6947 Portion applied to repay debt			
4050 Balance of appropriation to liquidate contract authority withdrawn			
2440 Unobligated balance, carried forward, end of year7440 Obligated balance, end of year	0799 Balance, end of year	7699 Total balance, end of year	Generally, the balance reported in schedule J should equal the sum of the balances reported in schedule N plus the unobligated and obligated balances reported in schedule P. Note: Schedule J presents data on a cash basis and should not include
			and snould not include balances of borrowing authority, contract authority, or uncollected customer payments from Federal sources.

CROSSWALK AMONG SELECTED ACTUALS REPORTED ON SF 133, SCHEDULE P, AND TREASURY ANNUAL REPORT

For additional crosswalk relationships between the actuals of the SF 133 and the PY column of Schedule P, refer to OMB Circular No. A-34.

SF 133, Report on Budget Execution and Budgetary Resources	Schedule P Program and Financing	Treasury Annual Report (TAR)	Description
Line 2A. Unobligated balance, brought forward, October 1 (unexpired)	2140-2149 Unobligated balance carried forward, start of year	Column 1: Balances, beginning of fiscal year: Unobligated balances (unexpired)	An exception to this would be an account that reported a deficiency in the prior year's budget schedule P on line 2397. In this case, the amounts reported in both the year-end SF 133 and the TAR would exceed the amount reported in schedule P by the amount of the deficiency. Another exception to this would be an account with unavailable start of year collections reported in schedule N. In this case, the sum of the amount reported on the year-end SF 133 for line 2A or the amount in schedule P for lines 2140-2149 plus the amount in schedule N reported as the balance, start of year, equals the amount reported in the amount reported in the amount in the TAR.
Line 3. Spending authority from offsetting collections (gross) (unexpired): 3A2. Receivable from Federal sources (unexpired) plus 3B2. Change in unfilled customer orders without advance from Federal sources (unexpired)	6810 Change in uncollected customer payments from Federal sources (unexpired) 6910 Change in uncollected customer payments from Federal sources (unexpired) Also crosswalks to: 7400 Change in uncollected customer		The amounts reported on the year-end SF 133 should correspond to the amount reported in schedule P for both the sum of lines 6810 and 6910, and line 8895. It also should correspond to the amount reported in schedule P for line 7400, but with the opposite sign.

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SF 133, Report on Budget Execution and Budgetary Resources	Schedule P Program and Financing	Treasury Annual Report (TAR)	Description
	payments from Federal sources (unexpired) (with opposite sign) Also crosswalks to: 8895 Change in uncollected customer payments from Federal sources (unexpired)		
Line 3. Spending authority from offsetting collections (gross) (expired): 3A2. Receivable from Federal sources (expired) plus 3B2. Change in unfilled customer orders without advance from Federal sources (expired)	7410 Change in uncollected customer payments from Federal sources (expired) (with opposite sign)		The amounts reported on the year-end SF 133 should correspond to the amount reported in schedule P for line 7410, but with the opposite sign.
Line 6. Permanently not available: 6A. Cancellation of expired and no-year accounts (unexpired) plus Lines 9 and 10. Unobligated balance, end of year (unexpired)	2398 Unobligated balance expiring or withdrawn		The unobligated balance expiring is the amount available for obligation that ceases to be available for obligation at the end of the fiscal year (other than amounts rescinded by law). It is part of the end of year unobligated balance (expired) reported in the TAR, but is not separately identified.
Lines 9 and 10. Unobligated balance, end of year (unexpired)	2397 Deficiency 2398 Unobligated balance expiring or withdrawn (-) 2440-2449 Unobligated balance carried forward, end of year	Column 6: Balances, end of fiscal year: Unobligated balances (unexpired)	An exception to this would be an account that reports a deficiency in schedule P on line 2397. In this case, the amounts reported in both the year-end SF 133 and the TAR would exceed the amount reported in schedule P by the amount of the deficiency. Another exception to this

SF 133, Report on Budget Execution and Budgetary Resources	Schedule P Program and Financing	Treasury Annual Report (TAR)	Description
			would be an account with unavailable start of year collections reported in schedule N. In this case, the sum of the amount reported on the year-end SF 133 for lines 9 and 10 or the amount in schedule P for lines 2397, 2398, and 2440-2449 plus the amount in schedule N reported as the balance, start of year, equals the amount in the TAR.
Line 12. Obligated balance, net as of October 1 (unexpired and expired)	7240 Obligated balance, start of year	Column 1: Balances, beginning of fiscal year: The sum of accounts payable, undelivered orders, accounts receivable, and unfilled customer orders (with opposite sign).	The obligated balance, start of year reported in schedule P is the net unpaid obligations brought forward from the preceding year. The amounts reported on the year-end SF 133 for the year should correspond to the amount reported in schedule P. They should also correspond to the amounts on the TAR at the end of the previous year, but with the opposite sign.
Line 14. Obligated balance, net, end of period (unexpired and expired): 14A. Accounts receivable (-) plus 14B. Unfilled customer orders: Federal sources without advance (-) plus 14C. Undelivered orders (+) plus 14D. Accounts payable (+)	7440 Obligated balance, end of year	Column 6: Balances, end of fiscal year: The sum of accounts payable, undelivered orders, accounts receivable, and unfilled customer orders (with opposite sign).	The obligated balance, end of year reported in schedule P is the net unpaid obligations. The amounts reported on the year-end SF 133 should correspond to the amount reported in schedule P. They should also correspond to the amounts on the TAR, but with the opposite sign.
Line 15B. Collections (-) (unexpired)	6800 Discretionary offsetting collections (cash) (with opposite sign)		The offsetting collections (cash) reported in schedule P are the cash collections received and credited to the unexpired (expenditure)

SF 133, Report on Budget Execution and Budgetary Resources	Schedule P Program and Financing	Treasury Annual Report (TAR)	Description
	6900 Mandatory offsetting collections (cash) (with opposite sign)		account. This line does not include orders from Federal sources not accompanied by cash.
Line 15B. Collections (-) (unexpired and expired)	8800-8845 Offsetting collections (with opposite sign)		The offsetting collections (cash) reported in schedule P are the cash collections received and credited to the (expenditure) account, distributed by sources. This line does not include orders from Federal sources not accompanied by cash.
Line 15B. Collections (-) (expired)	8896 Offsetting collections (cash) credited to expired accounts (-)		The offsetting collections (cash) reported in schedule P are the cash collections received and credited to the expired (expenditure) account. This line does not include orders from Federal sources not accompanied by cash.
Line 15. Outlays (unexpired and expired) 15A. Disbursements (+) plus 15B. Collections (-)	9000 Outlays (net)	Column 4: Outlays (net)	The amount reported on the year-end SF 133 as "Disbursements" is also known as "Outlays (gross)."

SF 133, Report on Budget Execution and Budgetary Resources	Schedule P Program and Financing	Treasury Annual Report (TAR)	Description
	9201 Total investments, start of year: Federal securities, par value	Column 1: Balances, beginning of fiscal year: Investments in public debt securities Investments in agency securities	This includes balances not available for obligation and reported in schedule N. For accounts with schedule J, start of year invested balances in that schedule should equal start of year invested balances in TAR.
	9202 Total investments, end of year: Federal securities, Par value	Column 6: Balances, end of fiscal year: Investments in public debt securities Investments in agency securities	This includes balances not available for obligation and reported in schedule N. For accounts with schedule J, end of year invested balances in that schedule should equal end of year invested balances in TAR.

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